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SHEET 1 OF 3

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 TECHNOLOGY CENTER 8700

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTY DOCKET NO.: BSC-011

APPLICANT: Crowley

SERIAL NO.: Not yet assigned

FILING DATE: herewith

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CL ASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2,002,559	05/28/35	Wappler	174	39	04/13/32
	AB	2,583,937	01/29/52	Fossati	128	4	09/09/47
	AC	3,176,114	03/30/65	Kneisley	219	223	07/16/62
	AD	4,233,493	11/11/80	Nath	219	354	12/09/77
	AE	4,289,966	09/15/81	Roberts	250	378	04/10/80

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANGUAGE
	BA	WO 90/04352	05/03/90	WO			10/27/89		Y
	BB	WO 94/13191	06/23/94	WO			12/09/93		Y
	BC	WO 96/05693	02/22/96	WO			08/09/95		Y
	BD	WO 97/01985	01/23/97	WO			07/03/95		Y
	BE	02-223828	09/06/90	JP			02/23/89		N
	BF	08-83569	03/26/96	JP			09/09/94		N
	BG	07-289506	11/07/95	JP			04/22/94		N

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
CA	Petrofsky, "In Vivo Measurement of Brain Blood Flow in the Cat," <i>IEEE Transactions on Biomedical Engineering</i> : Vol. BME-26, No. 8: 441-445 (August, 1979).	
CB	Internet Publication, <a href="http://iqc.ethz.ch/~fps/Final_Report/M4/M4PO4-1.html">http://iqc.ethz.ch/~fps/Final_Report/M4/M4PO4-1.html</a>	
EXAMINER		DATE CONSIDERED

<b>FORM PTO - 1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTY DOCKET NO.: BSC-011</b>  <b>APPLICANT:</b> Crowley  <b>SERIAL NO.:</b> Not yet assigned  <b>FILING DATE:</b> herewith				
<b>U.S. PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
	AF	4,340,307	07/20/82	Diamond <i>et al.</i>	356	418	07/07/80	
	AG	4,472,728	09/18/84	Grant <i>et al.</i>	357	30	02/19/82	
	AH	4,541,272	09/17/85	Bause	73	118	05/13/83	
	AI	4,548,505	10/22/85	Ono	356	445	04/19/82	
	AJ	4,672,972	06/16/87	Berke	128	653	09/10/86	
	AK	4,718,417	01/12/88	Kittrell <i>et al.</i>	128	303.1	03/22/85	
	AL	4,872,458	10/10/89	Kanshira <i>et al.</i>	128	401	09/08/87	
	AM	4,882,623	11/21/89	Uchikubo	358	98	08/11/88	
	AN	4,902,896	02/20/90	Fertig, Sr. <i>et al.</i>	290	348	05/08/87	
	AO	4,928,172	05/22/90	Uehara <i>et al.</i>	358	98	09/15/88	
	AP	4,938,602	07/03/90	May <i>et al.</i>	356	435	03/27/89	
	AQ	4,981,138	01/01/91	Deckelbaum <i>et al.</i>	128	665	06/30/88	
	AR	5,001,556	03/19/91	Nakamura <i>et al.</i>	358	98	03/22/90	
<b>FOREIGN PATENT DOCUMENTS</b>								
EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	BH	07-88105	04/04/95	JP		09/22/93		N
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>								
EXAM. INIT.	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>							
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>				

<b>FORM PTO - 1449</b>				<b>ATTY DOCKET NO.: BSC-011</b>			
<b>INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT: Crowley</b>			
				<b>SERIAL NO.: Not yet assigned</b>			
				<b>FILING DATE: herewith</b>			
<b>U.S. PATENT DOCUMENTS</b>							
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AS	5,009,655	04/23/91	Daignault, Jr. <i>et al.</i>	606	007	05/24/89
	AT	5,021,888	06/04/91	Kondou <i>et al.</i>	358	213.11	12/15/88
	AU	5,042,494	08/27/91	Alfano	128	665	12/04/89
	AV	5,045,056	09/03/91	Behl	604	49	09/15/89
	AW	5,056,503	10/15/91	Nagasaki <i>et al.</i>	128	6	02/28/91
	AX	5,116,759	05/26/92	Klainer <i>et al.</i>	435	288	06/27/90
	AY	5,166,755	11/24/92	Gat	356	419	05/23/90
	AZ	5,187,572	02/16/93	Nakamura <i>et al.</i>	358	98	10/30/91
	AAA	5,206,174	04/27/93	Gehrke <i>et al.</i>	436	58	09/24/92
	AAB	5,233,621	08/03/93	Lawandy	372	22	10/09/92
	AAC	5,242,437	09/07/93	Everett <i>et al.</i>	606	15	06/07/89
	AAD	5,262,645	11/16/93	Lambert <i>et al.</i>	250	339	09/03/91
	AAE	5,309,907	05/10/94	Fang <i>et al.</i>	128	633	08/26/92
	AAF	5,351,532	10/04/94	Hager	73	153	10/08/92
	AAG	5,377,676	01/03/95	Vari <i>et al.</i>	128	634	03/30/93
	AAH	5,405,369	04/11/95	Selman <i>et al.</i>	607	88	01/25/94
	AAI	5,417,207	05/23/95	Young <i>et al.</i>	128	634	12/06/93
	AAJ	5,445,608	08/29/95	Chen <i>et al.</i>	604	20	08/16/93
	AAK	5,461,229	10/24/95	Sauter <i>et al.</i>	250	253	06/06/94
	AAL	5,467,767	11/21/95	Alfano <i>et al.</i>	128	665	08/27/93
	AAM	5,542,928	08/06/96	Evans <i>et al.</i>	604	113	06/27/94
	AAN	5,571,152	11/05/96	Chen <i>et al.</i>	607	92	05/26/95
	AAO	5,131,398	07/21/92	Alfano <i>et al.</i>	128	665	01/22/90
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			

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SHEET 1 OF 1

<b>FORM PTO - 1449</b>  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>				<b>ATTY DOCKET NO.:</b> BSC-011 (1002/19)  <b>APPLICANT:</b> Crowley  <b>SERIAL NO.:</b> 08/922,263  <b>FILING DATE:</b> 09/02/97 <b>GROUP:</b>					
<b>U.S. PATENT DOCUMENTS</b>									
<b>EXAM INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>		
	AAP	5,647,368	07/15/97	Zeng et al.	128	665			
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG Y/N</b>
	BI	9-192138	07/29/97	JP			01/16/96		Y
	BJ	EP 0 792 618 A1	09/03/97	EP			01/31/97		Y
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
<b>EXAMINER</b>					<b>DATE CONSIDERED</b>				

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FORM PTO - 1449

SECOND SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT

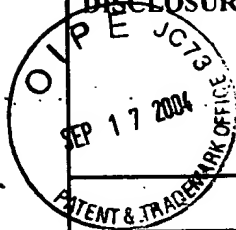
ATTY DOCKET NO.: BSC-011 (1002/19)

APPLICANTS: Crowley

SERIAL NO.: 08/922,263

FILING DATE: September 1997

GROUP: 3306

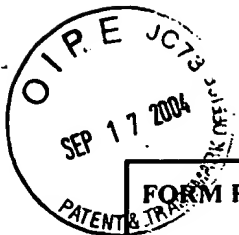
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## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AAQ	4,274,706	06/23/81	Tangonan	350	96.19	
	AAR	5,106,387	04/21/92	Kittrell et al.	606	15	
	AAS	5,127,407	07/07/92	Tan	128	633	
	AAT	5,213,569	5/25/93	Davis	604	22	
	AAU	5,304,173	4/19/94	Kittrell et al.	606	15	
	AAV	5,318,024	06/07/94	Kittrell et al.	128	634	
	AAW	5,350,375	9/27/94	Deckelbaum et al.	606	7	
	AAX	5,398,844	03/21/95	Zaslavsky et al.	221	208	
	AAY	5,402,792	04/04/95	Kimura	128	663.01	
	AAZ	5,556,421	09/17/96	Prutchi et al.	607	36	

## FOREIGN PATENT DOCUMENTS

EXAM INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILIN G DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
	BK	888727	07/08/49	DE					N
	BL	30 23 130	01/21/82	DE					N
	BM	40 05 743	08/29/91	DE					N
	BN	195 12 518	10/05/95	DE					N
	BO	0 314 937	10/07/88	EP					Y
	BP	0 629 380	12/21/94	EP					Y
	BQ	WO 91/15151	10/17/91	PCT					Y
	BR	WO 92/15253	09/17/92	PCT					Y
	BS	WO 96/07451	03/14/96	PCT					Y
	BT	WO 96/24406	08/15/96	PCT					Y

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<b>FORM PTO - 1449</b>		<b>ATTY DOCKET NO.:</b> BSC-011 (1002/19)
<b>SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>		<b>APPLICANTS:</b> Crowley
		<b>SERIAL NO.:</b> 08/922,263
		<b>FILING DATE:</b> September 2, 1997
		<b>GROUP:</b> 3306
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>		
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>	
	CC	Coleman et al., "Acoustic Emission and Sonoluminescence Due to Cavitation at the Beam Focus of an Electrohydraulic Shock Wave Lithotripter", <u>Ultrasound in Med. Biol.</u> , Vol. 18, No. 3, pp. 267-281, 1992.
	CD	Vona et al., "A Test of the Hypothesis that Cavitation at the Focal Area of an Extracorporeal Shock Wave Lithotripter Produces Far Ultraviolet and Soft X-Ray Emissions", <u>J. Acoust. Soc. Am.</u> , Vol. 98 (2), pp. 706-711, August 1995.
	CE	Cothren et al., "Gastrointestinal Tissue Diagnosis by Laser-Induced Fluorescence Spectroscopy at Endoscopy" <u>Gastro Endoscopy</u> , Vol. 36 No. 2, pp. 105-111, 1990.
	CF	Kapadia et al., "Laser-induced fluorescence spectroscopy of human colonic mucosa", <u>Gastroenterology</u> , Vol. 29, pp. 150-157, 1990.
	CG	Lilge et al., "Light Induced Fluorescence Spectroscopy at Endoscopy", <u>Presented at the 10th Asian Pacific Congress of Gastroenterology</u> , 1996.
	CH	Huang et al., "Fluorescence Diagnosis of Gynecological Cancerous and Normal Tissues", <u>SPIE</u> , Vol. 2135, pp. 42-44, 1994.
	CI	Anidjar et al., "Ultraviolet Laser-Induced Autofluorescence Distinction Between Malignant and Normal Urothelial Cells and Tissues", <u>Journal of Biomedical Optics</u> , Vol. 1 No.3, pp. 335-341, 1996.
	CJ	Crowley et al., "Ultrasound Guided Therapeutic Catheters: Recent Developments and Clinical Results", <u>The International Journal of Cardiac Imaging</u> , Vol. 6, pp. 145-156, 1991.
	CK	Meindi, J. Implantable Telemetry in Biomedical Research, <u>Electronics Engineers' Handbook</u> , McGraw-Hill 1989, pp 26-41 - 25-53.
	CL	Ko, Biomedical Sensors and Actuators, <u>Electronics Engineers' Handbook</u> , McGraw-Hill 1989, pp 26-53 - 26-68.
	CM	Kopp et al., "Stay Tuned: Photonic Filters Color Your World", <u>Photonics Spectra</u> , March 1997, pp. 125-129.
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>